

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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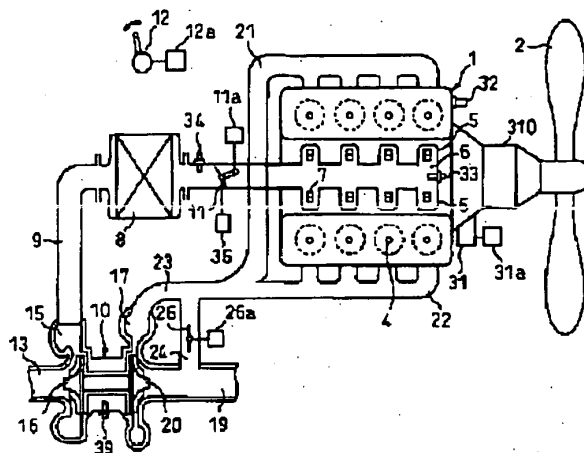
APPLICATION DATE : 10-03-98  
APPLICATION NUMBER : 10058305

APPLICANT : TOYOTA MOTOR CORP;

INVENTOR : TANAKA SHIGEKI;

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TITLE : THRUST CONTROL SYSTEM FOR AIRCRAFT



ABSTRACT : PROBLEM TO BE SOLVED: To control an engine to a proper condition in response to each flying condition without increasing burden for a pilot.

SOLUTION: This system is provided with a control unit (EEC) 30 for controlling a throttle valve 11 opening of an aircraft internal combustion engine 1 having a super charger 10 and a propeller 2 speed. The EEC 30 conducts normally the first control for setting the throttle valve 11 opening and the propeller 2 speed in response to a stroke of a single power lever 12, but, for example, when a body is determined to be under a landing condition, the throttle valve 11 opening is set smaller than that set by the first control operation, and the propeller 2 speed is set to high speed of a prescribed speed or more irrespective of a set speed set by the first control operation. The number of revolution of the super charger 10 is kept high thereby, and an engine output is lowered while maintaining cabin pressurization to provide a sufficient landing speed.

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